

## **Amendments to the Specification**

On page 3, lines 2-14, please amend the paragraph as follows:

These and other objects of the invention which will become apparent are met by an anti-edema, blood-flow-promoting seat comprising at least three transversely aligned, inflatable air bladders connected to a pump and timer. The bladders are inflated serially and sequentially, from front to back, over a period of approximately eleven seconds and simultaneously deflated to slowly pump blood upward in the legs thereby reducing blood pooling. The cycle is then repeated continuously. Located adjacent to the back air bladder is a transversely aligned, non-inflating seat cushion which continuously supports the user's ischial tuberocities while sitting to prevent forward movement of the user's buttocks over the seat while the bladders are inflating and deflating. In the first embodiment, the air bladders extend transversely over the entire width of the seat so that pressure is applied under both legs. In ~~An~~ an alternate embodiment offers a split seat option with six inflatable bladders. The six inflatable bladders are divided into two sets of inflatable bladders aligned transversely over one-half located on opposite sides of the seat. The user is able to independently control each set of bladders so that all of the bladders in both sets or in each set are constantly inflated, constantly deflated, or sequentially inflated and deflated.

On page 4, lines 8-13, please amend the paragraph as follows:

19 Referring to the accompanying Figs. 1-6, there is shown and described an anti-edema,  
20 blood flow promoting seat 10 comprising at least three transversely aligned, inflatable air  
21 bladders 11, 12, 13 that extend across the seat and connected to a pump 30. The air bladders  
22 11, 12 13 are inflated serially and sequentially as shown in Fig. 6, from front to back, over a

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1 period of approximately eleven seconds, and simultaneously deflated to slowly pump blood  
2 upward in the user's legs 90 while sitting, thereby reducing blood pooling.

3 On page 5, lines 12-22, and page 6, line, please amend the paragraph as follows:

4 In Fig. 5, the second embodiment of the invention is shown with two sets of inflatable  
5 air bladders 11, 12, 13, and 14, 15, 16, respectively, transversely aligned over one-half of the  
6 seat on opposite sides of the seat 10. The first set of air bladders 11, 12, 13 is connected to  
7 the manifold 55. The second set of air bladders 14, 15, 16 is connected to a second valve 80.  
8 A large capacity control unit 65 with a larger pump 70 is used in this embodiment. A  
9 transversely aligned conduit 75 connects the second control unit 65 to the second valve 80  
10 designed to sequentially inflate the air bladders 11, 12, 13 and 14, 15, and 16 on opposite  
11 sides of the seat 10 via branch conduits 81, 82, 83. The control unit 65 includes an optional  
12 control switch 64 that enables the user to independently control the two sets of inflatable air  
13 bladders 11, 12, 13 and 14, 15, 16. The user is able to independently control each set of  
14 bladders 11, 12, 13, and 14, 15, 16 so that all of the bladders 11, 12, 13, and 14, 15, 16, in  
15 both sets or in each set are constantly inflated, constantly deflated, or serially and  
16 sequentially inflated and deflated.

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